

**REMARKS**

The Office Action of February 6, 2006, and the cited art have been carefully considered. Reconsideration of the rejection of the application is respectfully requested based on the amendments and following discussion.

Claims 1 - 5 and 7 remain in the application.

Claim 1 has been amended as to reflect limitations consistent with chemical fill example disclosed on page 8 used in the disclosed envelope with a volume of from 23 to 30 mm<sup>3</sup>. The remaining claims have been amended to delete conflicting or overlapping fill limitations.

**REJECTION 112:**

1. Claim 7 was rejected under 35 USC 112 first paragraph.

Claim 7 has been amended. The Examiner is commended for detecting the error in the formula. The specification, and claim 7 have been amended to be consistent with the cited data values, and the charted values in FIG. 3. No new matter is felt to have been added by correcting the formula to match the actual data values.

**REJECTION 102:**

1. Claims 1, 2, and 4 were rejected under 35 USC 102(b) as anticipated by Deguchi US 2003/0222584

Deguchi '584 shows a mercury free, xenon discharge lamp using Sodium Iodide, Scandium Iodide and a single third metal iodide. Zinc Iodide is used as the third iodide. Indium Iodide is used as the third iodide. Deguchi '584 is concerned with the removal of mercury from known lamp formulations, where the mercury functions in part as an electrical resistor. Deguchi '584 is concerned with balancing a light producing iodide with an electricity resisting iodide. Deguchi '584 nowhere complexes his balanced formulations with a fourth iodide.

Deguchi '584 fails to provide a prima facie case of invalidity under 35 USC 102, since Deguchi '584 fails to show, suggest, state or claim a limitation included in Applicants' claims. Deguchi '584 fails to teach a mercury free, sodium iodide, and scandium iodide fill with both zinc iodide and indium iodide. Withdrawal of the rejection and reconsideration of the rejected claims are therefore respectfully requested.

REJECTION 103:

2. Claims 3, 5 and 6 were rejected under 35 USC 103 over Deguchi '584 U.S. in view of Tamura US 2005/0093455.

Tamura '455 is concerned with water in an HID lamp. Tamura '455 discusses lamps with up to three metal iodides. Tamura '455 does show, teach or make obvious a mercury free lamp with sodium iodide, scandium iodide, zinc iodide and indium iodide. Tamura '455 is merely duplicative of Deguchi '584 in forming three iodide fills.

It is believed that a full and complete response to the Office Action has been made, that the Application as amended is patentably distinct over the cited art, and that the case is now in condition to be passed to issue. Reconsideration of the amended application is therefore requested, and an early favorable notice of allowance is courteously solicited.

Respectfully submitted,

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